

Module ICT3715

2021

INFORMATION AND COMMUNICATION TECHNOLOGY Portfolio

Unique Number: 771125

STUDENT NUMBER (Student completes)									
6	0	6	3		5	4	9		5

IDENTITY NUMBER (Student completes)													
9	1	1	1	0	1	0	4	6	7	0	8	8	

Telephone number (076 3183 966)

Instructions for the student:

1. Complete pages 1, 2, 3 and 4.
2. Save the completed document with file name **StudentNumber_ICT3715_Portfolio_2021** in PDF format. [example = 12345678_ICT3715_Portfolio_2021]
3. Upload to myUNISA with Unique Number: 771125

This Rubric will be used during the final evaluation by the Examiner to mark your practical project.

Insert on this page a copy (image) of your ID or student card:

GEREGISTREERDE WOON- EN POSADRES

1. Bewaar die bewys van u GEGISTREERDE WOON- EN POSADRES in hierdie sakke.

2. Indien u van adres verander het, of indien besonderhede van u huidige adres, by straatnaam en/of nommer, ers, verander het, moet die vorm KENNISGEWING VAN ADRESVERANDERING, wat in die sakke agter in die identiteitsdokument is, gebruik word om die verandering aan te meld en moet dit ingedien word by of geops word aan die naaste streek-distrikkantoor van die DEPARTEMENT VAN BINNELANDSE SAKE.

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1. Keep the proof of your REGISTERED RESIDENTIAL AND POSTAL ADDRESS in this pocket.

2. If you have changed your address, or if particulars of your present address, e.g. name of street and/or street number, etc., have been changed, the NOTICE OF CHANGE OF ADDRESS form in the pocket at the back of the identity document must be used to report the change and it must be handed in at or posted to the nearest regional district office of the DEPARTMENT OF HOME AFFAIRS.

I.D. No. 911101 0467 08 8

S. A. BURGER / S. A. CITIZEN

VANISURNAMME
SEHLABO

VOORNAME / FORENAMES
MATSHEDISO EUGENIA


GEOBOORTEDISTRIK OF LAND /
DISTRICT OR COUNTRY OF BIRTH
SUID-AFRIKA

GEOBOORTEDATUM /
DATE OF BIRTH
1991-11-01

DATUM UITGEREIK /
DATE ISSUED
2009-03-30

UITGEREIK OP BEGAAD VAN DIE
DIREKTEUR-GENERAAL
BINNELANDSE SAKE

ISSUED BY AUTHORITY OF THE
DIRECTOR-GENERAL
HOME AFFAIRS



Student completes the following:

1. Programming Language(s) used:

PHP
JavaScript
HTML and CSS3

2. Database used:

MySQL database, phpMyAdmin

3. Describe your backup process that you have put in place for the database:

The Backup of the database for Online Exam Portal will be placed in GITHUB. The first step in backing up my database is to create an account on github https://www.github.com , but because I already had an account, I was only required to login. After logging in on github, I created a new repository in order to move the database to from my local computer. A copy of the github repository link will be required for the database to be pushed from the local computer to the github repository. After creating the new repository, I then copied the link of the created github repository: https://github.com/TshidiSehlabo/OnlineExamPortal.git . I used the github desktop to PUSH to my local content to github. I opened my github account in my browser and the process of creating the new repository which is the same as the above process. On the browser I then clicked on 'Set up in the desktop' button and clicked on 'Open GitHub on desktop'. After choosing the 'Set up in Desktop' option, I clicked the clone button. I then chose to clone the repository from the internet which prompted me to enter the link of the created github repository: https://github.com/TshidiSehlabo/OnlineExamPortal.git . After cloning a new clone, the folder was created in my local computer where a hidden directory with a .git extension is present. I then copied the required sql file from my local computer into the clone folder on my computer. This onlineexamportal.sql file was exported manually from phpMyAdmin database. After moving the onlineexamportal.sql file to the clone folder, it was now time to move to github desktop and commit to main. The file that is added into the clone folder is seen in github desktop too. After the commit to main, I clicked on the publish branch in github desktop to upload my sql file to github. My database is now backed up in github.

4. Describe your recovery process that you have put in place to recover the database.

To recover the onlineexamportal.sql database, I login to the github and go to the project repository. After navigating to the required repository, choose the option to download the code. You then get 2 options: to either open with github desktop or download zip file. I chose to download zip option to download the onlineexamportal.sql file

PLAGIARISM PLEDGE BY THE STUDENT

Refer to <https://www.unisa.ac.za/sites/myunisa/default/Assignments-&-Examination/Assignments/Plagiarism>

<https://www.unisa.ac.za/sites/myunisa/default/Study-@-Unisa/Student-policies-&-rules>

Tick the applicable box		
Yes	No	
x		1. I have read Unisa's plagiarism policy.
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x		6. I undertake to avoid copying directly, plagiarism and patch writing.
x		7. All academic work, written or otherwise, that I submit is expected to be the result of my own skill and labour.
x		8. I understand that, if I am guilty of the infringement of breach of copyright/plagiarism or unethical practice, I will be subject to the applicable disciplinary code as determined by Unisa.
x		9. The examiner has the right to refuse to assess the system if plagiarism is detected.

Student name and Surname: Matshediso Eugenia Sehlabo

Student number: 60635495

Sehlabo M.E
Student signature:

05/07/2021
Date:

[We will not be able to assess your final system without this plagiarism page]

System Components Examined	Marks (examiner completes)		Mark indication and minimum requirements
	Max	Mark given	
DOCUMENTATION & PREPARATION FOR THE EVALUATION in the DROPBOX on myUNISA	[20]		
CODE – comments included, valid, complete	[3]		0 – not available 1 – does not meet minimum requirements 3 – complete and meet minimum requirements
USER MANUAL – complete	[3]		
INSTALLATION MANUAL – installation and deployment explained and complete	[3]		
BACKUP and RECOVERY - explained and complete	[3]		
Professional impression	[3]		0 – not on time 1 – 2 on time but not ready for presentation 3 – dressed according, on time and system ready for evaluation
Sufficient preparation done for the evaluation (e.g., guiding documents, steps, users, data to use, steps to follow, etc.)	[5]		0 – not sufficient, unorganised 1 – available, but unorganised 2 – available, but did not cover all the requirements in this rubric 3 - 5 – sufficient, organised and the student used in the evaluation.

DATABASE	[17]		
Database correctly setup Data cleansed and imported from the Spreadsheets. All the tables included in the database	[5]		0 – unable to provide access to the database 1 – database is not setup to reflect 3NF 2 – database is setup to reflect 3NF and referential integrity enforced (PKs and FKs) 3 – 4 database is correctly setup and data imported from spreadsheet 5 - database is correctly setup and data imported from spreadsheet.
Update of Database	[12]		0 – no updating of the database 1 – 4 data updates but there are errors and inconsistencies 5 - 12 – Updates and inserts correctly reflecting in the database and reports

REPORTS	[20]		
4 MIS reports. Refer to the Assignments and Specs for more details and examples of what is expected of such reports.	[4x5 = 20]		0 – no report 1 – report is created but does not reflect the data correctly 2 – only long list of data displayed 3 – meets minimum requirements and student can provide evidence on how the report was created (SQL: tables, fields, etc.) 4 - meets requirements and student can provide evidence on how the report was created (SQL: tables, fields, etc.) 5 – report exceed minimum requirements and can assist the Exam Department in making predictions and use it for future planning

GUI	[15]		
User (Student)	[5]		0 – no applicable front-end 1 – GUI not correctly interacting with the system and database 2 – GUI interacting correctly. Dropdowns available 3- 4 Above and data validation fields, Student number and myLife e-mail. 5 - Above and data validation using REGEXP for email
Exam Department	10		0 – no applicable front-end 1 – 5 GUI not correctly interacting with the system and database 6 – 10 GUI interacting correctly. Dropdowns available Validation

BACKUP & RECOVERY	[5]		
Backup (for the client) correctly implemented	[3]		0 – no backup plan implemented 1 – backup must be done manually 2 - 3 – backup automated (either from desktop or within system)
Recovery (for the client) Correctly implemented	[2]		0 – no recovery plan implemented 1- Recovery must be done manually 2- Recovery automated (either from desktop or within the system)

TECHNICAL DEVELOPMENT	[23]		
Level of programming applied	[8]		<p>0 – coding copied and pasted from other sources without referencing or adapting for this project and scope</p> <p>1 – programming not on 3rd year level</p> <p>2 – programming has lots of errors and system crashes</p> <p>3 – programming is sufficient</p> <p>4 – OO programming implemented</p> <p>8 – programming exceeds the requirements.</p>
Algorithms and functions used	[5]		<p>0 – no algorithms or advanced coding applied</p> <p>5 - Examples of advanced algorithms and functions included.</p> <p>Regular expressions used to validate data. Auto generated messages, warnings, etc.</p>
General look and feel of the system	[10]		<p>1 – 5 the system meets the minimum requirements</p> <p>6 – 10 the system exceeds the minimum requirements</p>

Examiner: _____

Date: _____

Moderator: _____

Date: _____

Comments from the Examiner / Moderator:
